ABSTRACT

Photoprotective cosmetic compositions containing aromatic amide, sulphonamide or carbamate derivatives of acrylonitrile and novel aromatic amide, sulphonamide or carbamate derivatives of acrylonitrile

Cosmetic compositions for topical use for protecting the skin and the hair, containing, in a cosmetically acceptable support, at least one compound of formula (1) or (2)

(1)
$$X_1 - NH - (R_2)_n$$

(2)
$$Y \longrightarrow NC$$
 $(R_2)_n$ $(R_2)_n$ $(R_2)_n$

in which X_1 represents R_3 -(C=O)-, R_3 -SO₂- or R_3 -O-(C=O)-, X_2 represents -(C=O)-R'₃-(C=O)-, -SO₂-R'₃-SO₂- or -(C=O)-O-R'₃-O-(C=O)-, Y represents -(C=O)-R₄ or -SO₂R₅, R_2 represents a C_{1-8} alkyl group, n is 0, 1 or 2, R_3 represents C_{1-30} alkyl or C_{3-30} alkenyl, R'_3 represents a single bond or a divalent C_{1-30} alkylene or C_{3-30} alkenylene radical, R_4 represents -OR₆ or -NHR₆, R_5 represents C_{1-30} alkyl or a phenyl nucleus, R_6 represents C_{1-30} alkyl or C_{3-30} alkenyl, and novel compounds of formula (2).